

REMARKS/ARGUMENTS

In the office action, the examiner stated that:

"The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the recitations 'switching converter', 'the controller circuit', 'converter switching transistors' in claim 12, 'a switching converter' in claim 13, 'synchronous rectifiers' in claims 14 and 27, 'a converter output circuit' in claim 15 must be shown of the feature(s) canceled from the claim(s). No new matter should be entered."

The recitations 'switching converter' and 'the controller circuit' do not appear in claim 12. Also the recitation of 'converter switching transistors' also does not appear in claim 12, but 'switching transistors' does. The specification has now been amended on page 11, line 6 to make clear that transistors QH and QL are the switching transistors. Claim 13 was previously canceled, claims 14 and 27 are canceled herein and a 'converter output circuit' was deleted from claim 15 in the last amendment.

Therefore no drawing changes are needed.

35 USC Sec. 112 Rejections

With respect to claims 8, 9 and 10, the reference to active power source in all relevant claims has been amended to simply recite a power source. Also the power source voltage is now defined in claim 1. These and other amendments to claims 8 and 9 should overcome the 112 rejection of these claims.

With respect to claim 12, this claim also has been amended to overcome the 112 rejection. Also claims 14 and 27 have been canceled. With respect to claims 22 and 23-26, the examiner's comments are noted. However it is noted also that claim 15 claims a hot swappable pulse width modulation converter. Consequently it is believed the problem was with claim 21, and that claim has been appropriately amended herein. Claim 30 has been canceled.

Thus it is believed that all 35 USC Sec 112 rejections have been overcome.

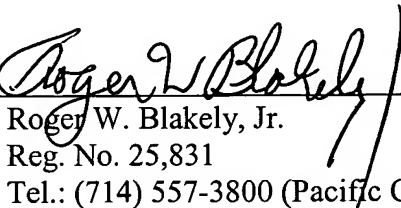
CONCLUSION

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

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Jessica A. Clark
12/8/2005
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